MUUGLines

The Manitoba UNIX User Group Newsletter

Volume 35 No. 11, August 2023 Editor: Chris Audet

Next Meeting: Sept 5, 2023

Presentation: NetBox

This month **Alberto Abrao** will provide an overview of NetBox. According to their website,

"NetBox is the leading solution for modeling and documenting modern networks.

"By combining the traditional disciplines of IP address management (IPAM) and datacenter infrastructure management (DCIM) with powerful APIs and extensions, NetBox provides the ideal 'source of truth' to power network automation. ... Discover why thousands of organizations worldwide put NetBox at the heart of their infrastructure."

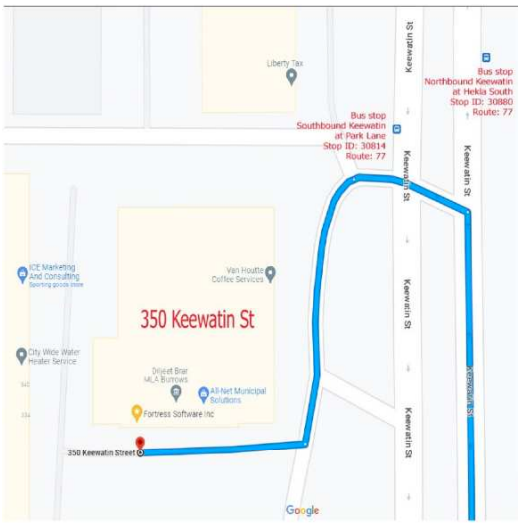
Help us promote this month's meeting, by putting this poster up on your workplace bulletin board or other suitable public message board:

https://muug.ca/meetings/MUUGmeeting.pdf

Where to Find the Meeting

Fortress Software Inc.
350 Keewatin St – Unit #2
Doors open at 7:00PM, meeting starts at 7:30

If driving, enter the lot using the most north-eastern entrance (far right in the top picture) and drive around to the south west corner of the building (see the route in map detail). You can use any of the free, ample, and safe parking spots that say "reserved" or "MUUG" in front of units #1 through #4 before entering into unit #2 (the one with the MUUG logo above the door!).



Bus stops #30814 and #30880 (route 77) are only 150 meters away. The last bus leaves for Polo Park at 10:15 pm and for Garden City at 10:31 pm.

Debian and Slackware turn 30

Impressive milestone for these projects.

https://debugpointnews.com/slackware-30-years/

https://bits.debian.org/2023/08/debian-turns-30.html

Debian 12 “Bookworm”

Wake up bae, Debian 12 just dropped.

For now the MUUG server is still rocking Debian 10, but discussions around upgrading are ongoing.

https://www.debian.org/News/2023/20230610

LXC becomes a Canonical project

“Canonical, the creator and main contributor of the LXD project has decided that after over 8 years as part of the Linux Containers community, the project would now be better served directly under Canonical’s own set of projects.”

https://linuxcontainers.org/lxd/

Debian to support “LoongArch” CPU architecture

LoongArch is a MIPS architecture developed in China. Expected to be included in Debian 13.

https://debugpointnews.com/debian-loongarch/

Dwarf Fortress releases native Linux client

Currently in beta.

https://store.steampowered.com/news/app/975370/view/3660916710568153375

Armored Core 6 released with Linux support

Playable on day 1 with Proton.

https://www.gamingonlinux.com/2023/07/armored-core-vi-will-be-fully-supported-on-steam-deck/

BattleBit will continue to be playable on Linux

Plans to switch to Windows exclusive anticheat placed on hold after outcry from Linux players.

https://linuxgamingcentral.com/posts/faceit-anti-cheat-getting-linux-support/

bcachefs merge delayed

Merge request was submitted for Linux 6.5, but now targeting 6.6.

https://www.phoronix.com/news/Bcachefs-Plans-For-Linux-6.6

Open Enterprise Linux Association (OpenELA) formed in response to RedHat restrictions to RHEL source code availability

Founding members are Oracle, SUSE, and CIQ (aka the founding sponsor of Rocky Linux).

https://openela.org/news/hello_world/

SUSE announces RHEL fork

Nothing available for download yet. Another RHEL-compatible distro.

https://www.suse.com/news/SUSE-Preserves-Choice-in-Enterprise-Linux/

Red Hat dropping support for LibreOffice

At some future point, LibreOffice will no longer ship with RHEL, and there will not be a package available.

The application remains available via Flatpak, however.

https://lwn.net/Articles/933525/

AlmaLinux will no longer be 1:1 binary compatible with RHEL

Project now aims for ABI compatibility instead – applications built for RHEL are still expected to run without issue.

https://almalinux.org/blog/future-of-almalinux/

Multiple speculative execution exploits released: Zenbleed, Inception, Downfall

Keep calm and carry on patching.

https://www.phoronix.com/news/Linux-Git-INCEPTION-DOWNFALL

https://www.theregister.com/2023/08/09/amd_inception/

https://www.theregister.com/2023/08/09/google_intel_downfall/

Asahi Linux (Apple ARM) announces Fedora Asahi Remix

Fedora will be the flagship distro shipped by the Asahi Linux project, basically.

https://asahilinux.org/2023/08/fedora-asahi-remix/

Linux 6.6 to better protect against Nvidia driver shenanigans

Seems more like a legal issue than a technical one.

https://www.phoronix.com/news/Linux-6.6-Illicit-NVIDIA-Change

NVK Vulkan Driver has been merged

Expected to land in Linux 6.6. Supports up to RTX 20xx and GTX 16xx, with planned support for older cards.

https://debugpointnews.com/nvk-lands-mesa/

Microsoft announces Azure Linux general availability

It's a tiny, hardened Linux built for Azure container hosting. Previously known by the name CBL-Mariner.

https://www.theregister.com/2023/05/26/microsoft_azure_linux_container/

Raspberry Pi OS May update release

5.15 LTS kernel has been replaced with 6.1 LTS kernel. Many improvements.

https://www.omglinux.com/raspberry-pi-os-update-may-2023/

Intel ends its NUC line of computers

ASUS granted license to manufacture Intel NUC designs.

https://www.servethehome.com/intel-exiting-the-pc-business-as-it-stops-investment-in-the-intel-nuc/

System76 fixes Coreboot bug, re-disables Intel ME

Opens the door to using Coreboot on more systems.

https://blog.system76.com/post/major-updates-for-system76-open-firmware-june-2023

EU mandates removable batteries

Portable batteries required to be removable and replaceable by the end user by 2027.

https://www.consilium.europa.eu/en/press/press-releases/2023/07/10/council-adopts-new-regulation-on-batteries-and-waste-batteries/

Li-Fi light based networking standard released by IEEE

Speeds up to 224GB/s using line of sight infrared light.

https://lifi.co/what-is-lifi/

Bram Moolenaar, the creator of the vim editor, has died

Rest in peace.

https://www.theregister.com/2023/08/07/bram_moolenaar_obituary/

A big thanks to Les.net for providing MUUG with free hosting and all that bandwidth! Les.net (1996) Inc. is a local provider of VoIP, Internet and Data Centre services. Contact **sales@les.net** by email, or +1 (204) 944-0009 by phone.

MUUG would like to thank Michael W. Lucas for donating one of his ebooks every month as a door prize. You can view and purchase his tech books here:

https://www.tiltedwindmillpress.com/product-category/tech/

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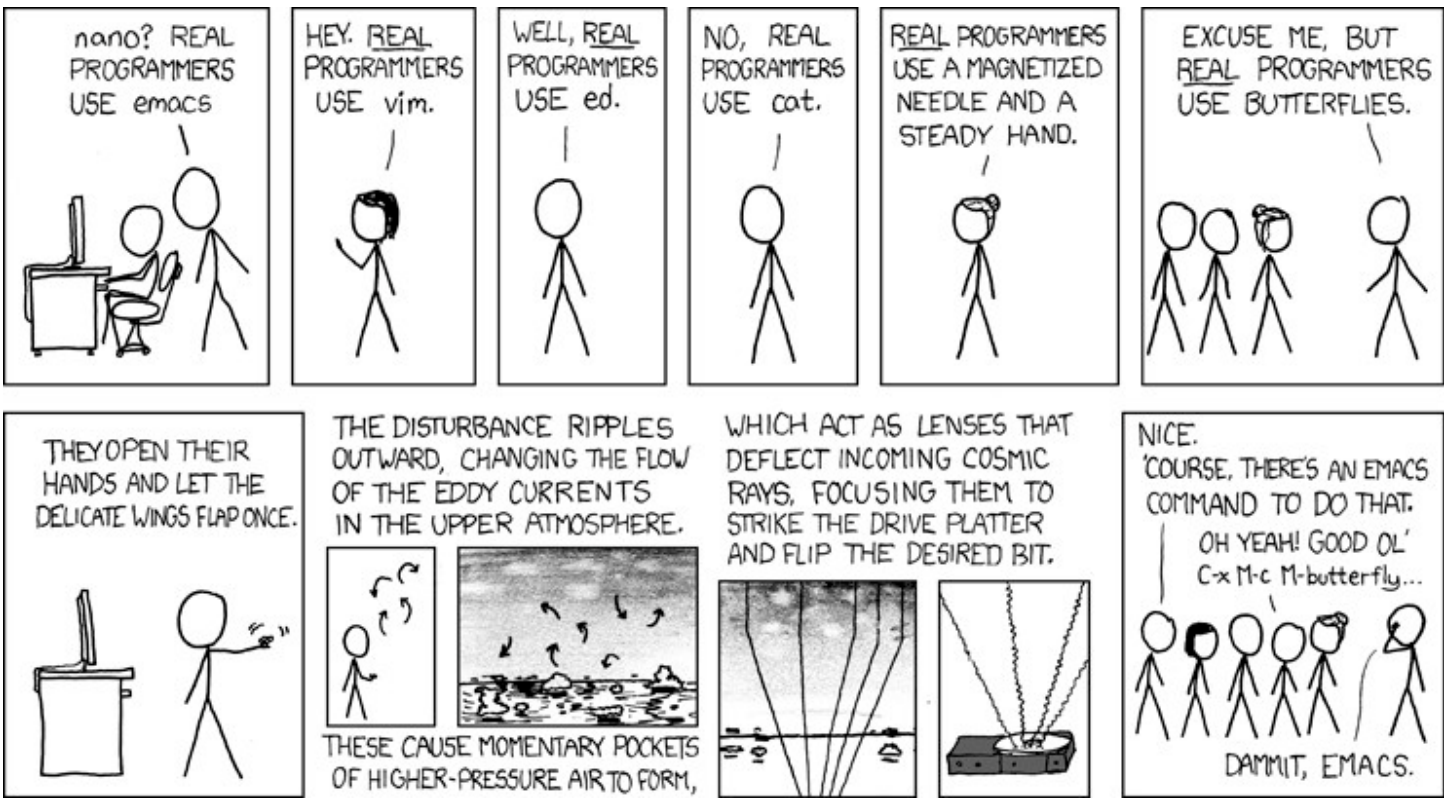
Xkcd.com/378 – Real Programmers